A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-A61K

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS

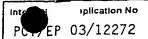
Category °	Citation of document, with Indication, where appropriate, of	Relevant to claim No.		
X	WO 99 55312 A (VIROTEX CORP) 4 November 1999 (1999-11-04) page 5, line 5 -page 6, line 19 page 9, line 12-25		1-14,17, 18	
Y Y	page 10, line 2-4 page 13, line 7-16 page 18, line 21 -page 19, li	5 11-13, 15,16		
(US 2002/142036 A1 (RUPPRECHT HERBERT ET AL) 3 October 2002 (2002-10-03) paragraph '0008! - paragraph '0026!		1-4,6-18	
Y Y	examples 1-4 paragraph '0047! paragraph '0025! - paragraph	o '0026!	5 15,16	
		-/		
X Funt	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.	
"A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other r "P" docume	ent defining the general state of the art which is not defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 		
Date of the	actual completion of the international search	Date of mailing of the international se	earch report	
2	9 March 2004	06/04/2004		
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Authorized officer Vermeulen, S		

INTERNATIONAL SEARCH REPORT

Interna plication No PCT/EP 03/12272

		PCT/EP 03	3/122/2
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
χ̈́Υ	US 4 876 092 A (MIZOBUCHI TADAFUMI ET AL) 24 October 1989 (1989-10-24) column 1, line 5-17 column 2, line 63 -column 3, line 6		1-10,14, 17,18 11-13
	column 3, line 11-18 figures 1,2; examples 1-9		
χ γ	US 4 855 142 A (FANKHAUSER PETER ET AL) 8 August 1989 (1989-08-08)	٠.	1-4, 7-10,14, 16-18 11-13
•	column 2, line 5-32 column 4, line 62 -column 5, line 22 example 5		
χ	US 4 772 470 A (HORIUCHI TETUO ET AL) 20 September 1988 (1988-09-20)		1-4, 6-10, 14-18
	column 2, line 50 -column 3, line 2 column 5, line 3-8 column 8, line 18-44		
X .	EP 0 275 550 A (TEIKOKU SEIYAKU KK) 27 July 1988 (1988-07-27)		1-4, 6-10,14, 17,18
	page 2, line 47-51 page 3, line 30 -page 4, line 3		
X	US 4 615 697 A (ROBINSON JOSEPH R) 7 October 1986 (1986-10-07) column 8, line 34-56 figures 3,7		1-5
X .	CUI ZHENGRONG ET AL: "Bilayer films for mucosal (genetic) immunization via the buccal route in rabbits" PHARMACEUTICAL RESEARCH (NEW YORK), vol. 19, no. 7, July 2002 (2002-07), pages 947-953, XP009028363 ISSN: 0724-8741 page 948 page 949, column 2 page 951, column 2 -page 952, column 1		1-5,9, 10,14, 16-18
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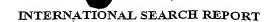
	otion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages		
X	SOLOMONIDOU D ET AL: "Effect of carbomer concentration and degree of neutralization on the mucoadhesive properties of polymer films" JOURNAL OF BIOMATERIALS SCIENCE POLYMER EDITION, vol. 12, no. 11, 2001, pages 1191-1205, XP009028488 ISSN: 0920-5063 page 1192, last paragraph -page 1194, paragraph 3		1-5,7,9, 10
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International application No.
PCT/EP 03/12272

Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet) Box I This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Claims Nos.: 1. | X | because they relate to subject matter not required to be searched by this Authority, namely: see additional sheet PCT/ISA/210 Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). Observations where unity of invention is lacking (Continuation of item 2 of first sheet) Box II This International Searching Authority found multiple inventions in this international application, as follows: As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos .: No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest. Remark on Protest No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1992)



International application No.

PCT/EP 03/12272

<u>Box I.1</u>

Although claims 17 and 18 relate to a method for treatment of the human or animal body, the search was carried out and was based on the stated effects of the compound or composition.

PCT Rule 39.1(iv) – methods for treatment of the human or animal body by therapy.

Form PCT/ISA/210

information on patent family members

PCT/EP 03/12272

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